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**Abstract of the Disclosure**

An electrical power management system is provided for effectively  
15 managing available electrical power for recharging batteries used in a  
plurality of battery-powered computers. The electrical power  
management system is of particular value when current from the  
available power supply is limited relative to the total charging current  
required for the batteries. Charging currents can be sensed to better  
20 manage the recharging process. Charging data can be sensed and  
recorded to optimize battery charging for a plurality of battery-powered  
computers.